



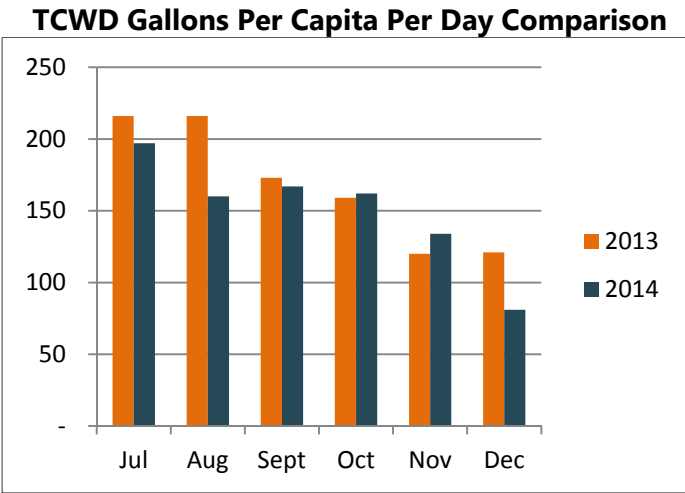
BOARD OF DIRECTORS
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GENERAL MANAGER
Hector Ruiz

STATE WATER BOARD MONITORS DAILY WATER DEMAND

You may have read the Orange County Register article published on January 6, 2015, that highlighted the impact of the drought and the conservation efforts of local water districts and their customers. The article added that in the month of November, TCWD had experienced an increase of “roughly 8 percent compared with the year before”, as well as an increase in use in the month of October. Although this is true, it is only part of the picture. The chart below shows TCWD’s water demand reported to the State Water Board as required by law, per the Emergency Regulation*.



**Data adjusted for TCWD Population = 12,700.*

Beginning in July, 2014, water districts and agencies statewide have been required by the State Water Board to report the monthly potable water demand. As of October 2014, agencies are now required to report daily demands in gallons per capita per day (GPCD); this means the average gallons of water each individual in TCWD’s service area uses on a daily basis.

As shown in the table below, TCWD’s customers have worked to decrease their overall water demand from month to month beginning in July 2014. The chart is adjusted to account for recently released population data obtained from the 2010 census. So what could be the contributing factor to the fluctuations in the water demand?

TCWD General Manager Hector Ruiz commented to the Register that hotter microclimates in TCWD’s service area, characterized with higher hilly terrain, led to additional watering in the months of October and November. Our customers are well aware of the significant impacts of the area’s microclimates. For instance, on December 31, 2014, the local areas of Robinson Ranch and Trabuco Highlands experienced a cold snap that blanketed the ground with snow. However, just across Plano Trabuco Road in Rancho Santa Margarita, there was not a snowflake to be found.

A closer look at the numbers in the table below shows both the impact of the microclimate and conservation efforts taken by TCWD’s customers:

MONTH 2014	GPCD	% DIFFERENCE FROM PRIOR MONTH
July	197	
August	160	- 18%
September	167	+ 4%
October	162	- 3%
November	134	- 17%
December	81	- 39%

When compared with the GPCD of the prior month during the 2014 reporting period, TCWD customers have significantly reduced their monthly overall water

demand over the six month period. This is important because Governor Brown has asked for a 20% reduction statewide. Although this is great news, more can be done to combat the adverse effects of the drought and minimize its impacts on local water supplies.

As home appliances and appurtenances, like toilets and faucets, have become more efficient, internal water demand has been greatly reduced. On the other hand, typical outdoor irrigation accounts for an approximate 60 to 70% of a customer's total water demand. Therefore, the focus for water use efficiency has been shifted to effective outdoor irrigation and the efficient management of your landscape. This includes the incorporation of water use efficient devices like irrigation smart timers and rotating sprinkler nozzles. Even better, these types of devices have rebates through TCWD! At this time, smart irrigation timers have a rebate up to \$380 for the cost of the device, and rotating sprinkler nozzles have a \$4 rebate per device.

Another matter to keep in mind is that TCWD's current watering schedule is set at 3 days per week per the Water Conservation Ordinance. It is important to note that at this time TCWD has not designated three specific days of the week. If you have any questions concerning the Water Conservation Ordinance, please contact Customer Service at (949) 858-0277.

WATERING SCHEDULE MONTHS	NUMBER OF DAYS PER WEEK
April - October	4 Days per Week
November – March	3 Days per Week
<i>No watering from 9:00 AM to 6:00 PM, except by hose with a shut off nozzle.</i>	

UPCOMING CALIFORNIA-FRIENDLY LANDSCAPE TRAINING – FREE EVENT!

On Saturday, March 28, 2015, at 9:00 AM, TCWD will be hosting a California-Friendly Landscape Training (CFLT) course at its Administration Facility located at 32003 Dove Canyon Drive in the Dove Canyon Plaza.

The last CFLT course was held in September last year, and we look forward to another great event. If you are interested in attending this free event, please RSVP via email at admin@tcwd.ca.gov or by phone at (949) 858-0277.

REGULAR BOARD MEETING HIGHLIGHTS

The following items are highlights or matters discussed at the following Regular Board Meeting(s):

DECEMBER 10, 2014 – SPECIAL BOARD MEETING

- Alternate Raw Water Transmission Line – PW79

DECEMBER 17, 2014

- Election of Board Officers
- Committee Member and Agency Representative Appointments
- Adoption of Resolution No. 2014-1208 Amending Capacity Charge Rates
- Alternate Raw Water Transmission Line – PW79
- Baker Water Treatment Plant
- Shadow Rock Detention Basin
- Discussion concerning statewide drought conditions

JANUARY 21, 2015

- Discussion concerning TCWD Organization, Staffing, and Succession Planning
- Discussion concerning General Manager's Technical Advisory Services to other Public Agencies
- Alternate Raw Water Transmission Line – PW79
- Baker Water Treatment Plant
- Shadow Rock Detention Basin
- Discussion concerning statewide drought conditions

BOARD OF DIRECTORS MEETING

The Board of Directors Regular Meeting is scheduled for the third Wednesday of each month at 7:00 p.m. at the District's Administrative Facility, which is located at 32003 Dove Canyon Drive, Trabuco Canyon. The public is encouraged to attend.

